

# Insecta, Coleoptera, Buprestidae, *Buprestis langii* Mannerheim, 1843: Distribution extension

Grant D. De Jong\* and James W. Chadwick

GEI Consultants, Inc. 4601 DTC Boulevard, Suite 900. Denver, CO, 80237, USA

\* Corresponding author. E-mail: [gdejong@geiconsultants.com](mailto:gdejong@geiconsultants.com)

**ABSTRACT:** The wood-boring beetle *Buprestis langii* Mannerheim, 1843 has a widespread distribution in the northwestern Nearctic region. Here we report the collection of one adult female of this species in the town of Watson Lake, Yukon Territory, Canada, thus representing a new territorial record for *B. langii*.

The Canadian distribution of the metallic wood-boring beetle *Buprestis (Nelsonocheira) langii* Mannerheim, 1843 extends from west-central British Columbia east to southern Manitoba (Bellamy 2008a; b; Bright 1987). Mannerheim (1843) and Davies (1991) reported *B. langii* from Alaska, Sitka being the type locality, but it has not previously been reported from the Yukon Territory.



**FIGURE 1.** Adult of *Buprestis langii* from Watson Lake, territory of Yukon, Canada.

The junior author collected an adult female of this distinctive species (Figure 1) on the eastern edge of the town of Watson Lake, Yukon Territory, on 18 July 1999. Geographic coordinates for the locality are 60°02'46" N, 128°38'50" W. Given the previously known, widespread distribution for *B. langii* in the northwestern Nearctic, south to Arizona and New Mexico, the collection of this species in the Yukon Territory is not surprising; however, this collection does represent a new territorial record.

**ACKNOWLEDGMENTS:** We thank Carole Chadwick, who spotted and collected the beetle, and Sam Wells, who confirmed our identification. We also thank Steve Canton, Shawn Villalpando, and three anonymous reviewers for comments on the manuscript.

## LITERATURE CITED:

- Bellamy, C.L. 2008a. *A World Catalogue and Bibliography of the Jewel Beetles (Coleoptera: Buprestoidea), Volume 2: Chrysochroinae: Sphenopterini through Buprestinae: Stigmoderini*. Sofia-Moscow: Pensoft Series Faunistica No. 77.
- Bellamy, C.L. 2008b. *A World Catalogue and Bibliography of the Jewel Beetles (Coleoptera: Buprestoidea), Volume 3: Buprestinae: Pterobothrini through Agrilinae: Rhaeboscelina*. Sofia-Moscow: Pensoft Series Faunistica No. 78.
- Bright, D.E. 1987. *The Insects and Arachnids of Canada. Part 15. The Metallic Wood-Boring Beetles of Canada and Alaska (Coleoptera: Buprestidae)*. Ottawa: Agriculture Canada Publication 1810.
- Davies, A. 1991. Family Buprestidae metallic wood-boring beetles; p. 160-168 In Bosquet, Y. (ed.). *Checklist of the Beetles of Canada and Alaska*. Ottawa: Agriculture Canada Publication 1861/E.
- Mannerheim, G.C.G. 1843. Beitrag zur Käfer-Fäuna der Aleutischen Inseln, der Insel Sitkha und Neu-Californiens. *Bulletin de la Société Imperiale des Naturalistes de Moscou* 16:175-314.

RECEIVED: March 2009

REVISED: January 2010

ACCEPTED: February 2010

PUBLISHED ONLINE: February 2010

EDITORIAL RESPONSIBILITY: André V. L. Freitas